## -continued

545 550 555 560

Gln Thr Glu His Ile Glu Leu
565

What is claimed is:

- 1. A method of depleting lipase from a sample, comprising:
  - contacting the sample including lipase with a probe, said probe capable of binding to the lipase to form a complex; and
  - separating the complex from the sample to thereby deplete the lipase from the sample
- 2. The method of claim 1, wherein the sample comprises a protein of interest.
- 3. The method of claim 1, wherein the sample comprises a polysorbate excipient.
- **4**. The method of claim **3**, wherein the polysorbate excipient is selected from polysorbate-20, polysorbate-60, polysorbate-80 or combinations thereof.
- **5**. The method of claim **1**, wherein the lipase is liver carboxylesterase-B1-like protein.
- **6**. The method of claim **1**, wherein the lipase is liver carboxylesterase-1-like protein.
- 7. The method of claim 1, wherein the probe is capable of being linked to a solid support.
- **8**. The method of claim **7**, wherein the solid support is agarose beads.
- 9. The method of claim 7, wherein the solid support is magnetic beads.
- 10. The method of claim 1, wherein the probe is attached to a solid support using a ligand.
- 11. The method of claim 10, wherein the ligand can be an indicator, biotin molecule, a modified biotin molecule, a nuclei, a sequence, an epitope tag, an electron poor molecule or an electron rich molecule.
- 12. The method of claim 1 further comprising recovering the lipase from the complex.
- 13. A method of a method of purifying a sample having a protein of interest and a lipase, comprising:
  - contacting the sample with a probe, said probe capable of binding to the lipase to form a complex; and
  - separating the complex from the sample to thereby purify the protein of interest in the sample.
- 14. The method of claim 13, wherein the sample comprises a polysorbate excipient.
- **15**. The method of claim **14**, wherein the polysorbate excipient is selected from polysorbate-20, polysorbate-60, polysorbate-80 or combinations thereof.
- 16. The method of claim 13, wherein the lipase is liver carboxylesterase-B1-like protein.
- 17. The method of claim 13, wherein the lipase is liver carboxylesterase-1-like protein.
- 18. The method of claim 13, wherein the probe is capable of being linked to a solid support.
- 19. The method of claim 18, wherein the solid support is agarose beads.
- 20. The method of claim 18, wherein the solid support is magnetic beads.
- 21. The method of claim 13, wherein the probe is attached to a solid support using a ligand.

- 22. The method of claim 21, wherein the ligand can be an indicator, biotin molecule, a modified biotin molecule, a nuclei, a sequence, an epitope tag, an electron poor molecule or an electron rich molecule.
- 23. The method of claim 13 further comprising recovering the lipase from the complex.
- **24**. A method of decreasing degradation of polysorbate in a sample, comprising
  - contacting the sample including lipase and polysorbate with a probe, said probe capable of binding to the lipase to form a complex; and
  - separating the complex from the sample to thereby decreasing degradation of polysorbate in the sample.
- 25. The method of claim 24, wherein the sample further comprises a protein of interest.
- **26**. The method of claim **24**, wherein the polysorbate is selected from polysorbate-20, polysorbate-60, polysorbate-80 or combinations thereof.
- 27. The method of claim 24, wherein the lipase is liver carboxylesterase-B1-like protein.
- 28. The method of claim 24, wherein the lipase is liver carboxylesterase-1-like protein.
- 29. The method of claim 24, wherein the probe is capable of being linked to a solid support.
- 30. The method of claim 29, wherein the solid support is agarose beads.
- 31. The method of claim 29, wherein the solid support is magnetic beads.
- 32. The method of claim 24, wherein the probe is attached to a solid support using a ligand.
- 33. The method of claim 32, wherein the ligand can be an indicator, biotin molecule, a modified biotin molecule, a nuclei, a sequence, an epitope tag, an electron poor molecule or an electron rich molecule.
- **34**. The method of claim **24** further comprising recovering the lipase from the complex.
- **35**. A composition having a protein of interest purified from mammalian cells, surfactant and a residual amount of liver carboxylesterase B-1-like protein, wherein the residual amount of liver carboxylesterase B-1-like protein is less than about 5 ppm.
- **36**. The composition of claim **35**, wherein the surfactant is polysorbate 80.
- **37**. The composition of claim **36**, wherein the liver carboxylesterase B-1-like protein causes degradation of the polysorbate 80.
- 38. The composition of claim 35, wherein the composition is a parenteral formulation
- 39. The composition of claim 36, wherein a concentration of the polysorbate in the composition is about 0.01% w/v to about 0.2% w/v.
- **40**. The composition of claim **35**, wherein the protein of interest is selected from a group consisting of a monoclonal antibody, a polyclonal antibody, a bispecific antibody, an antibody fragment and an antibody-drug complex.
- 41. The composition of claim 35 further comprising one or more pharmaceutically acceptable excipients.